

SUPPORT FOR THE AMENDMENTS

The specification has been amended to address the issues discussed by the Examiner at pages 6-7 of the Official Action. Newly-added Claims 82-108 are supported by the specification and the original claims. Accordingly, no new matter is believed to have been added to the present application by the amendments submitted above.

The specification has been amended to insert sequence identifiers where appropriate. Support for these amendments are found in the specification and sequence listing as originally filed. In addition, the Sequence Listing has been amended to add four sequences appearing in the specification as filed, but omitted from the original Sequence Listing. No new matter has been entered by these amendments.

REMARKS

Claims 82-108 are pending, upon entry of the amendment submitted above.

Favorable reconsideration is respectfully requested.

The rejection of the claims under 35 U.S.C. §112, first paragraph, is believed to be obviated by the amendment submitted above.

Claim 82 has been drafted so as to obviate the "new matter" issue at pages 4-5 of the Official Action dated January 26, 2005. Withdrawal of this ground of rejection is respectfully requested.

The rejection of the claims under 35 U.S.C. §112, second paragraph, is believed to be obviated by the amendment submitted above.

The newly-added claims have been drafted to obviate the issues raised in the Official Action. In view of the foregoing, the claims are definite within the meaning of 35 U.S.C. §112, second paragraph. Withdrawal of this ground of rejection is respectfully requested.

Regarding Claims 60-67, the subject matter of those claims correspond to newly-added Claims 87-94. Since Claims 87-94 depend directly or indirectly from Claim 82, they should be rejoined under the provisions of MPEP §821.04.

The objection to the specification is believed to be obviated by the amendment submitted above.

Applicants submit that the present application complies with the Sequence Rules. Specifically, Applicants submit herewith a substitute Sequence Listing and a corresponding computer-readable Sequence Listing. The sequence information recorded in the corresponding computer-readable Sequence Listing is identical to the paper copy of the substitute Sequence Listing. Support for all of the sequences listed in the substitute Sequence Listing is found in the present application. No new matter is believed to have been

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introduced by the submission of the substitute Sequence Listing and the corresponding
computer-readable Sequence Listing.

Applicants submit that the present application is in condition for allowance. Early
notice to this effect is earnestly solicited.

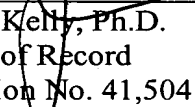
Respectfully submitted,

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